

Fig. 1

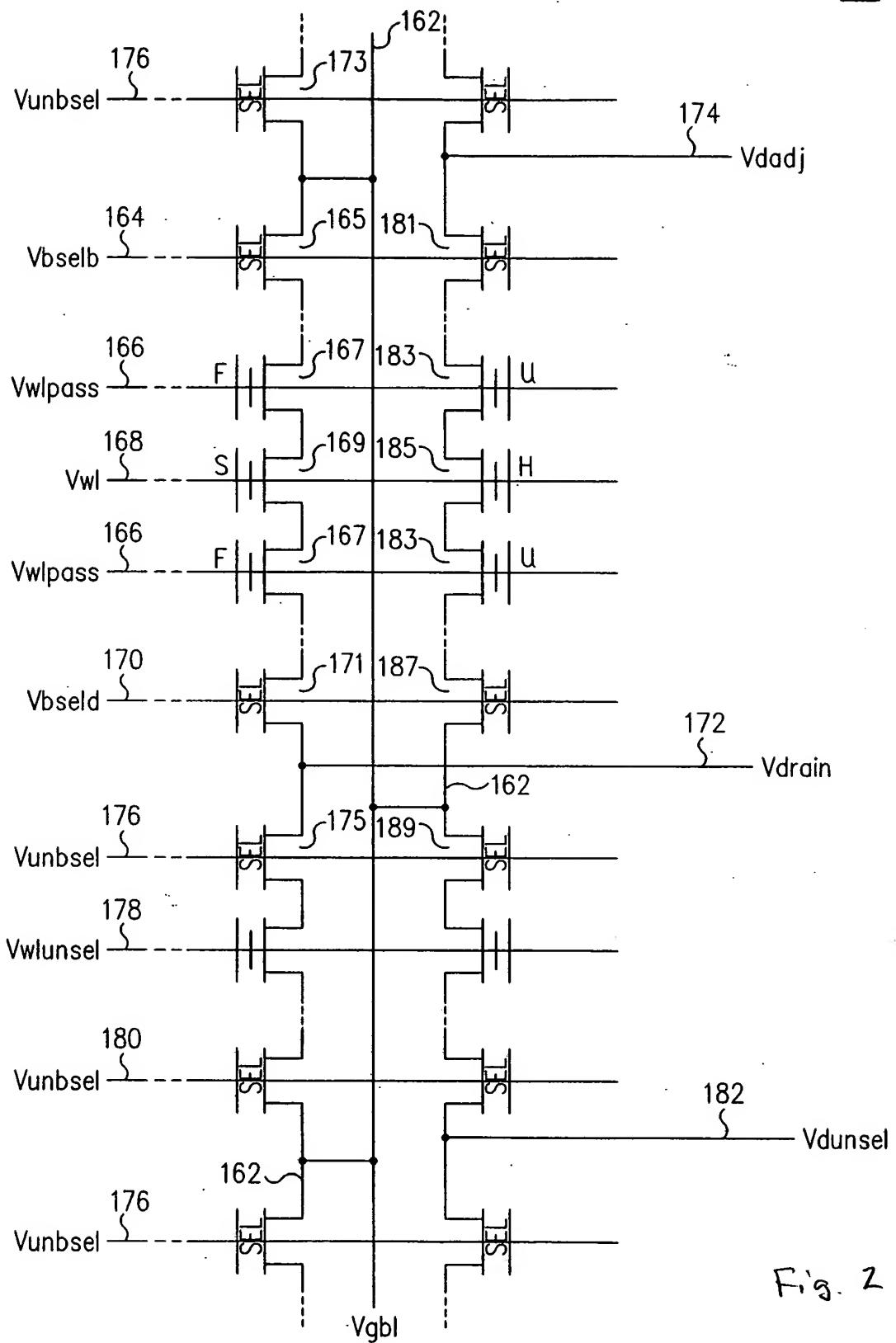


Fig. 2

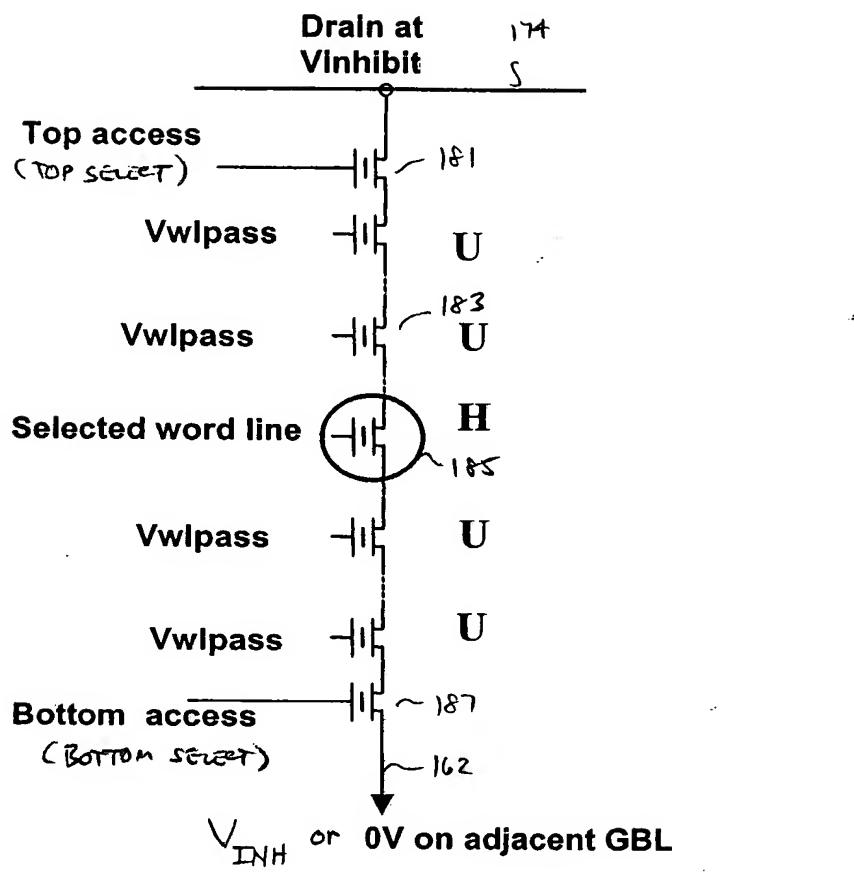


Fig. 3

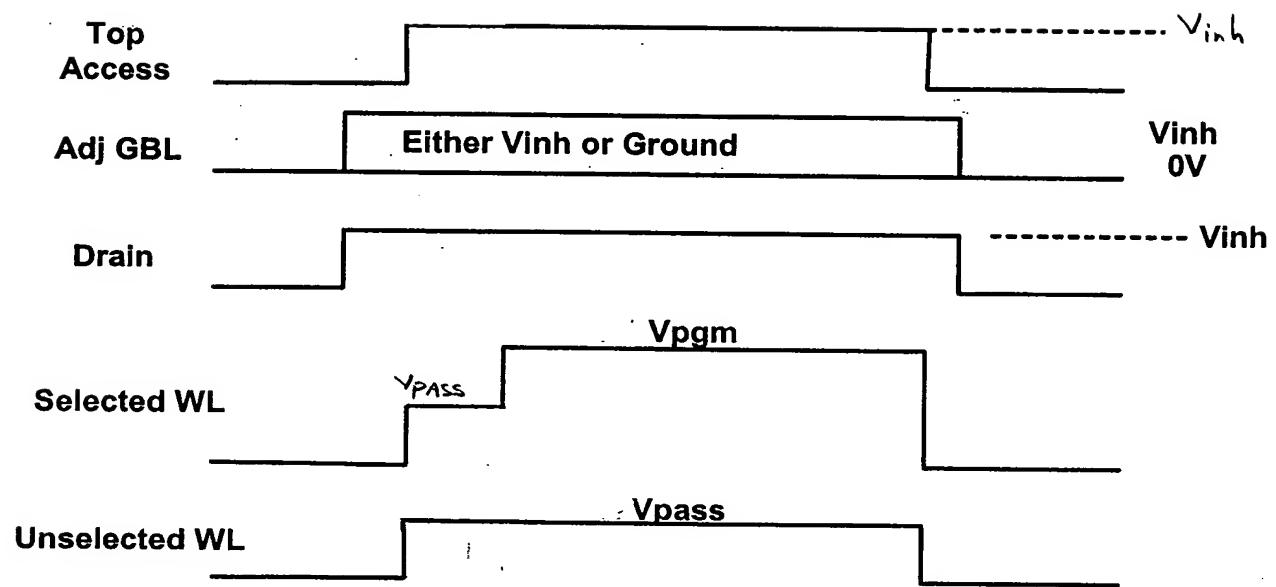


Fig. 4

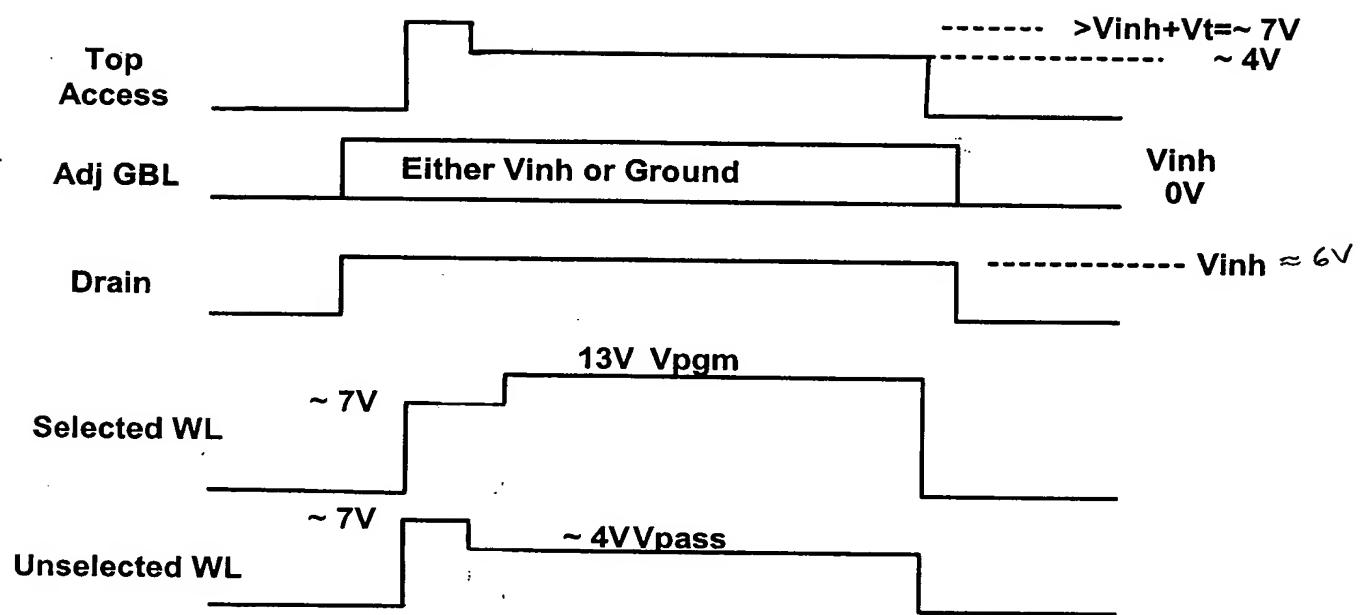


Fig. 5

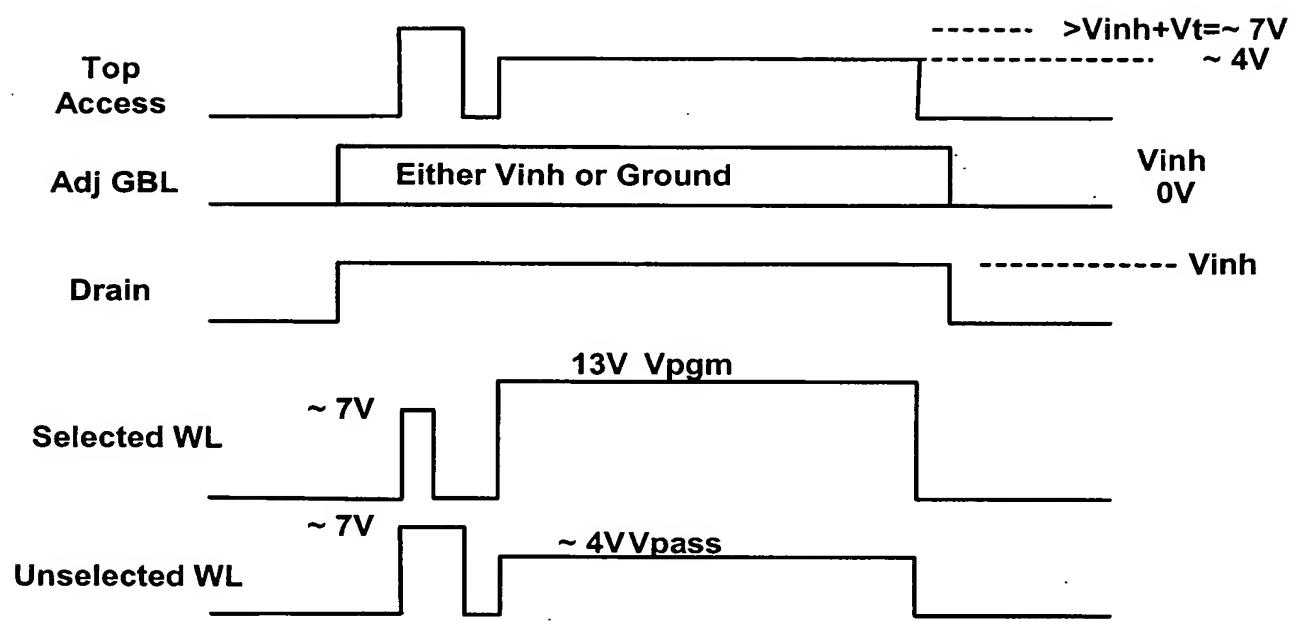


Fig. 6

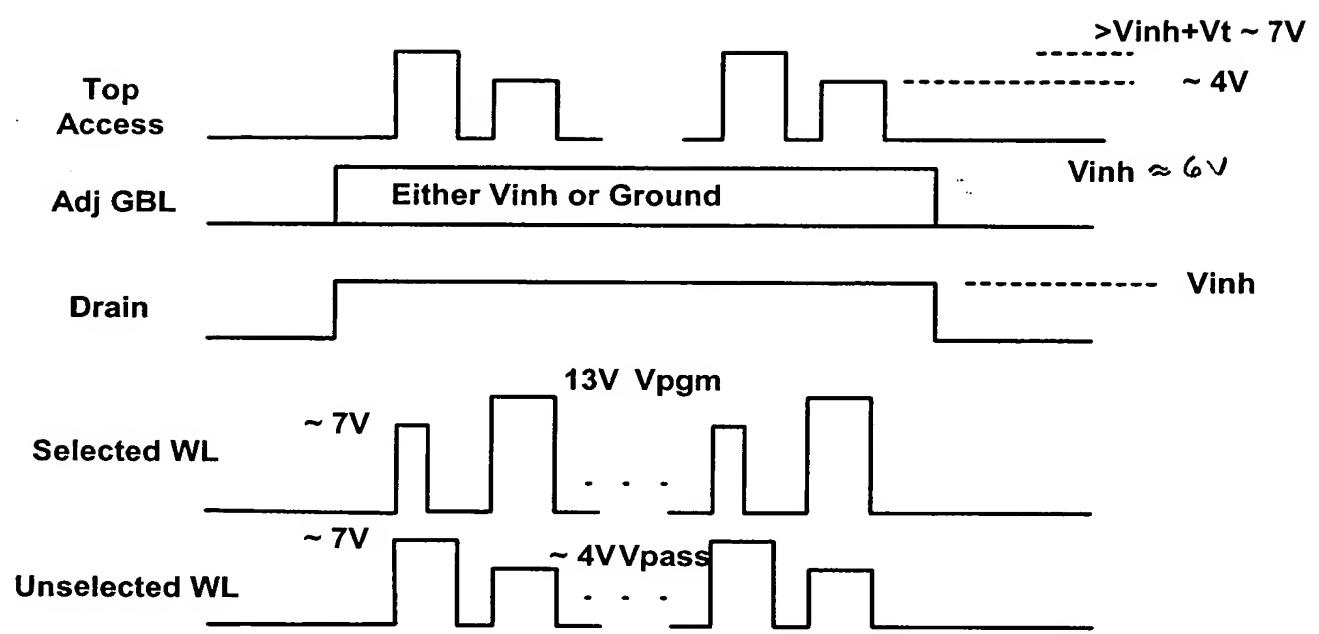
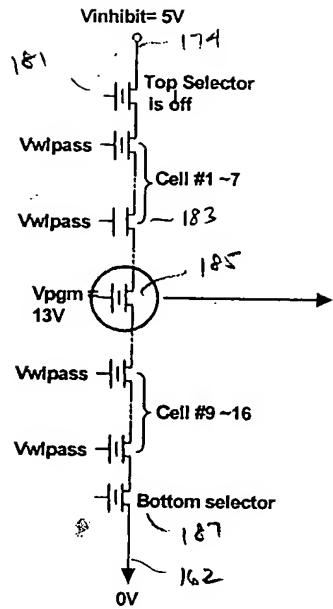


Fig. 7



(ADJACENT STRING
BEING PROGRAMMED)

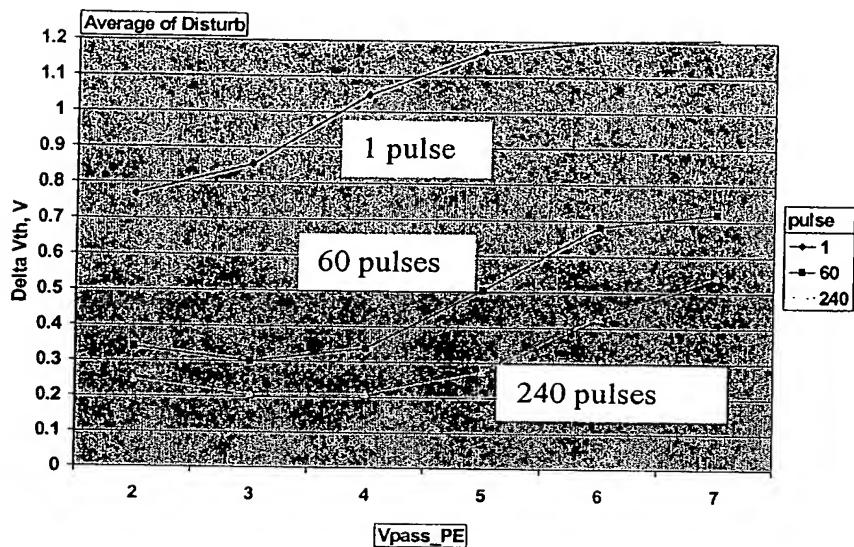


Fig. 8

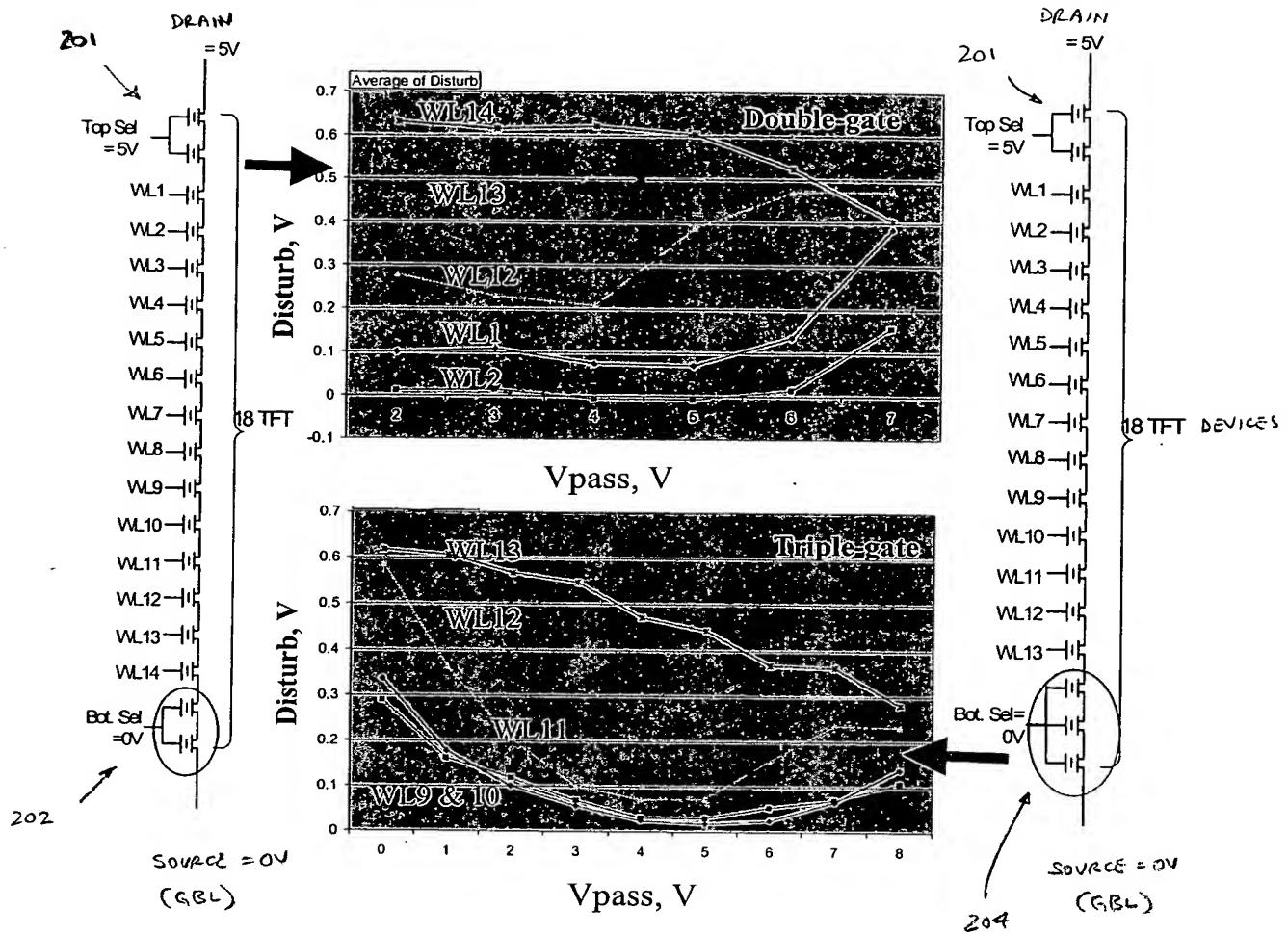


Fig. 9

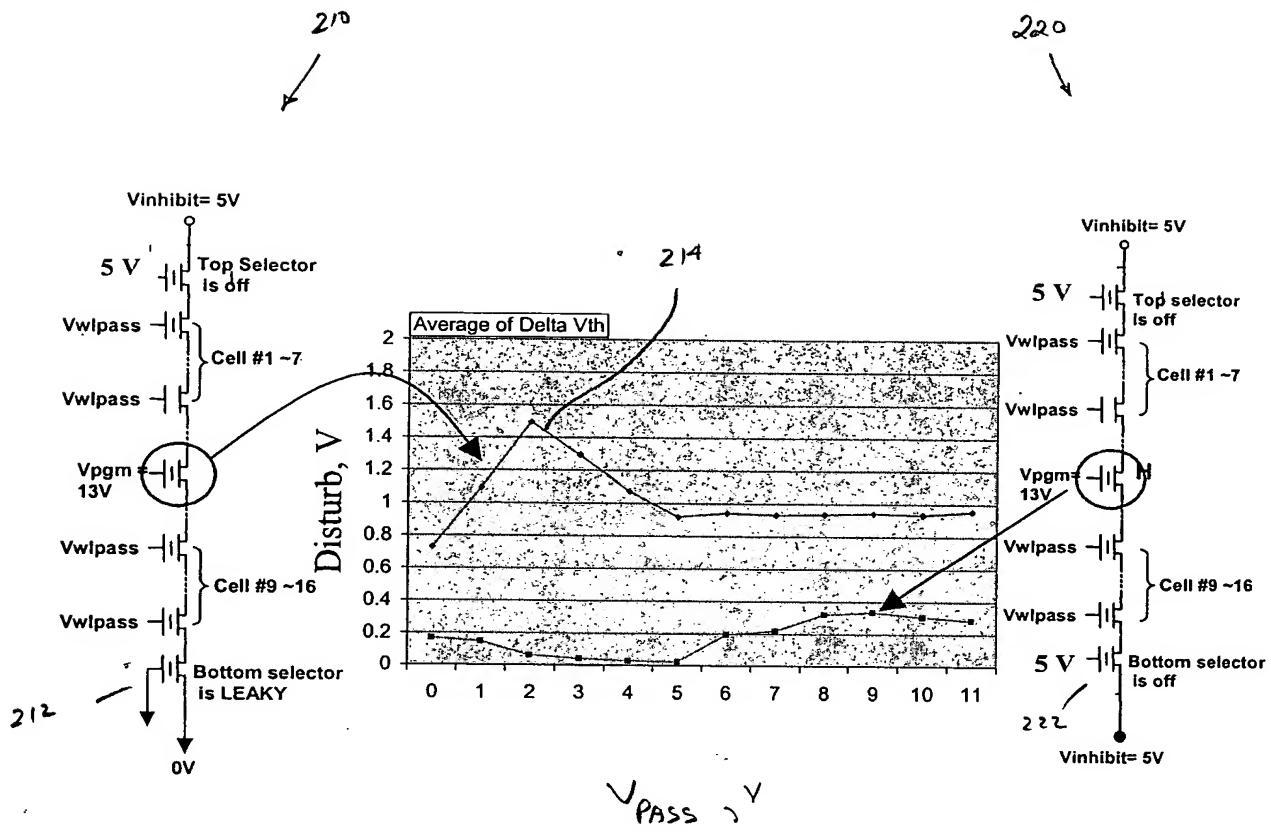


Fig. 10

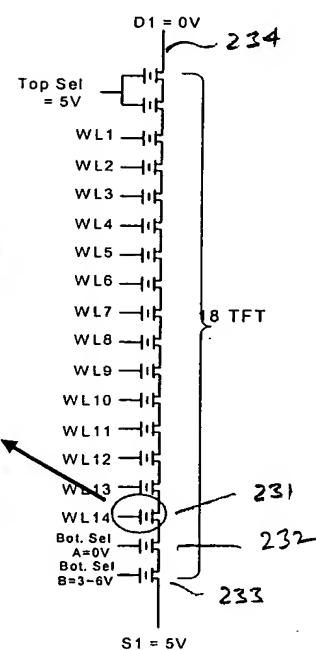
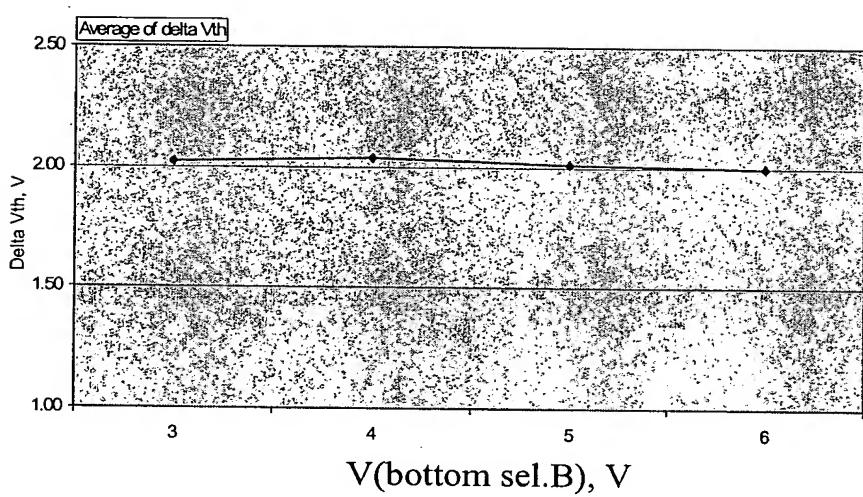
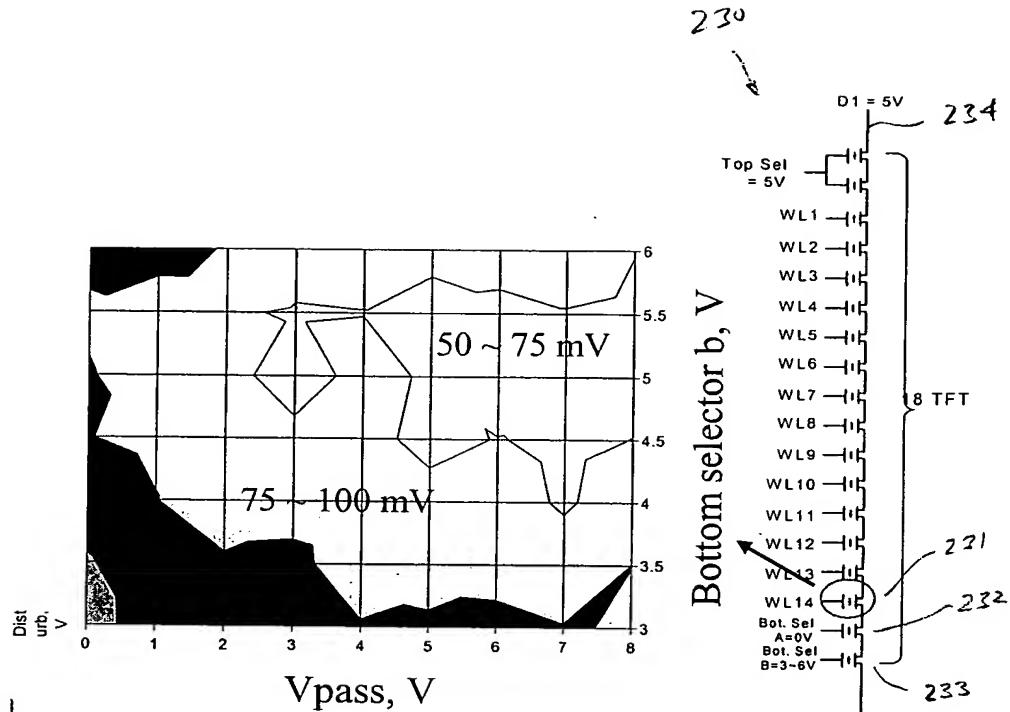


Fig. 12

250



GBL at Ground (or V_{INH})

Top access
(TOP SELECT)

V_{WLpass}

V_{WLpass}

SELECTED WORD LINE

V_{WLpass}

V_{WLpass}

Bottom access
(Bottom SELECT)

Drain can float
or at \sim half V_{INH}

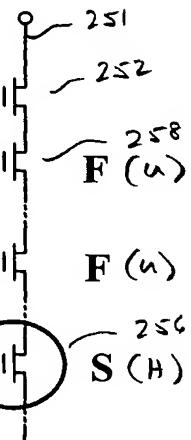
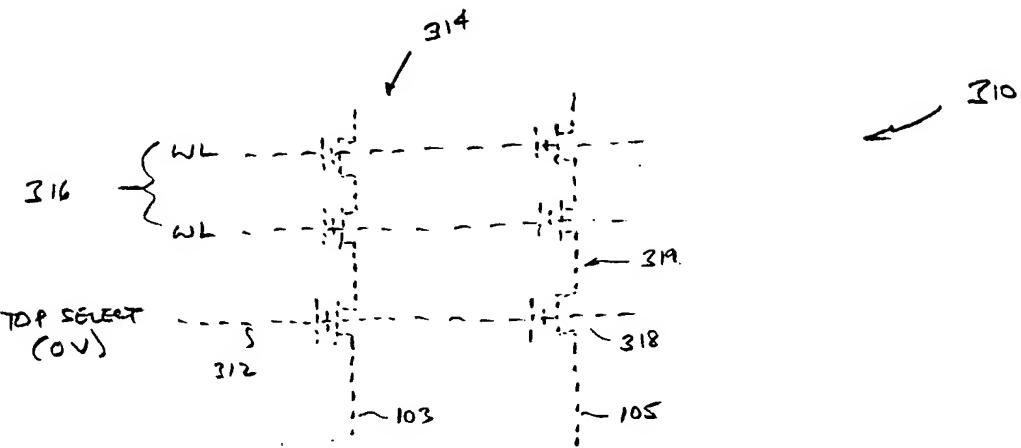
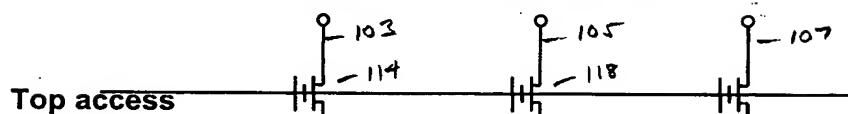


Fig. 13



Program BL **Program Inhibit BL**
 (0V) (Vinh 6-7 V)



Selected Cell

Stress time:
 $tp=30\text{us}$
 $\text{Spec} > 2\text{V}$

Pass Disturb

Stress time:
 $tp \cdot N_{wl} = 480\text{ us}$
 $\text{Spec} < 200\text{ mV}$

Program Disturb

Stress time:
 $tp \cdot N_{pw}(N_{tx}/N_{wc}) = 1.2\text{ ms}$
 $\text{Spec} < 200\text{ mV}$

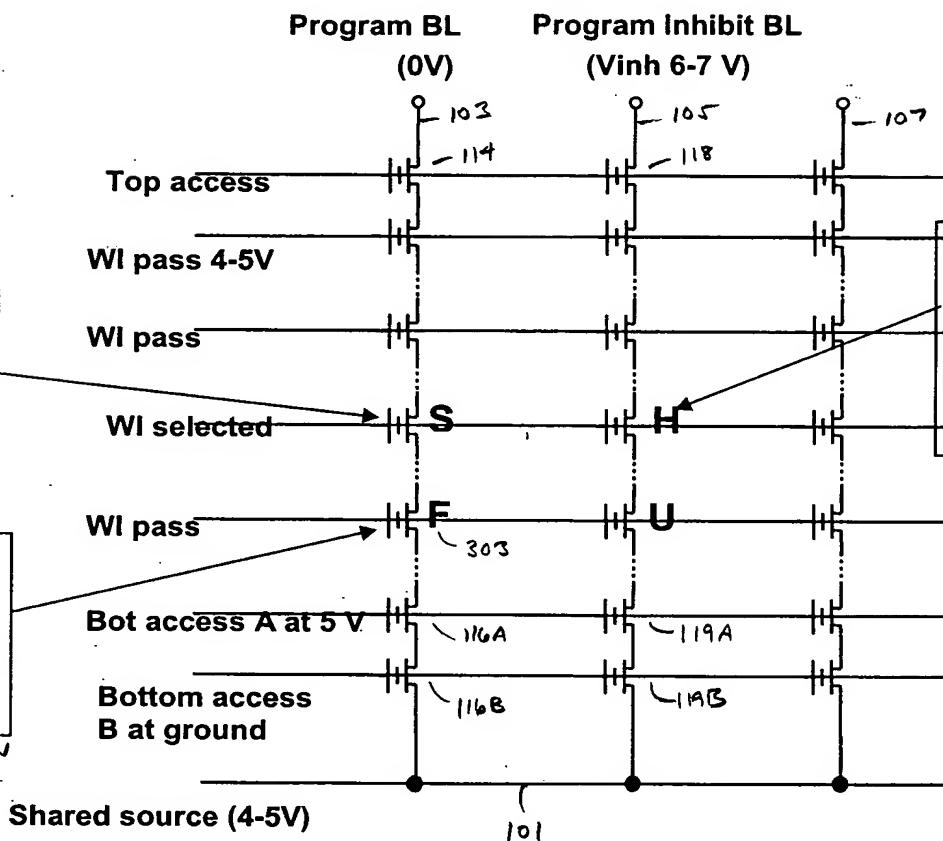


Fig. 14

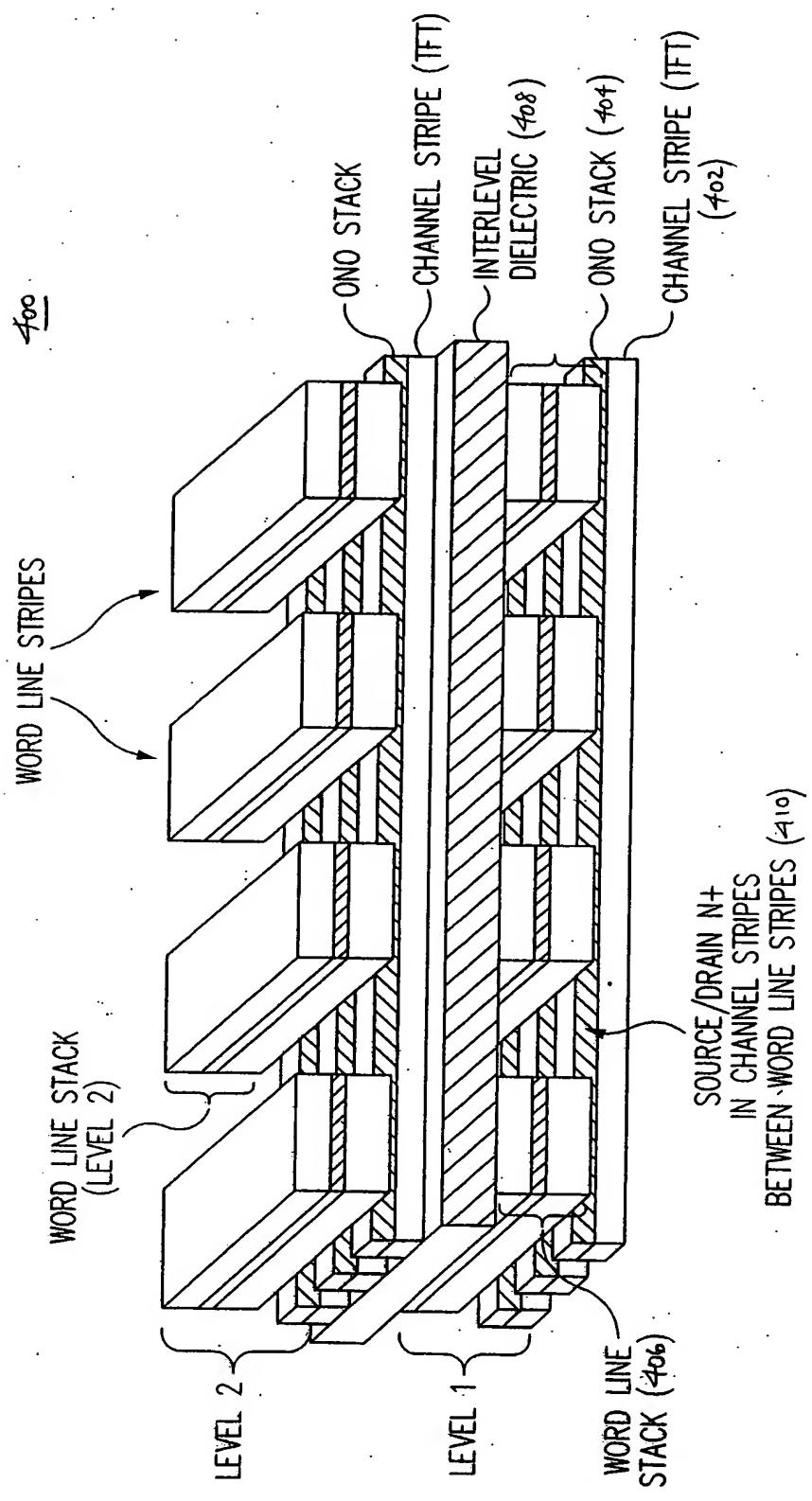


Fig. 15

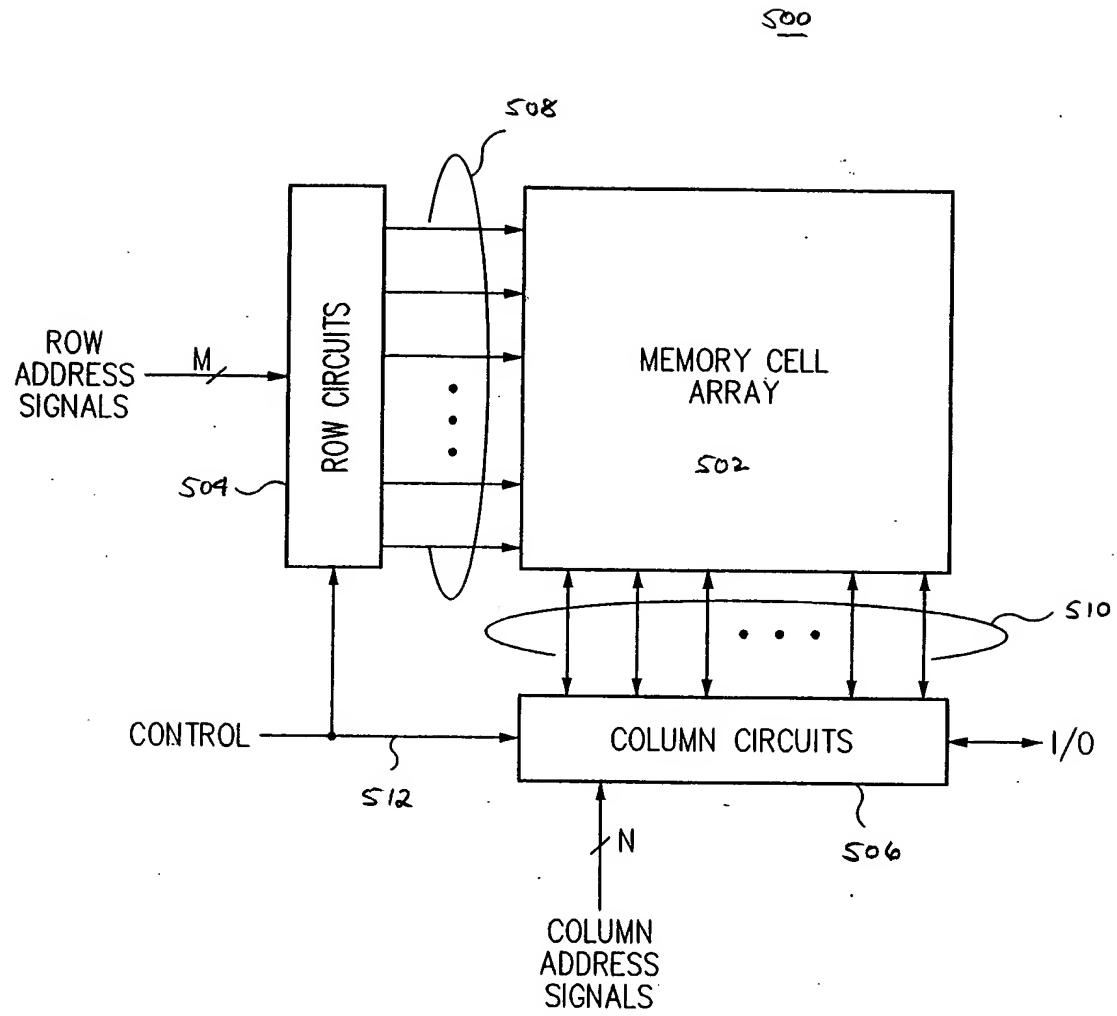
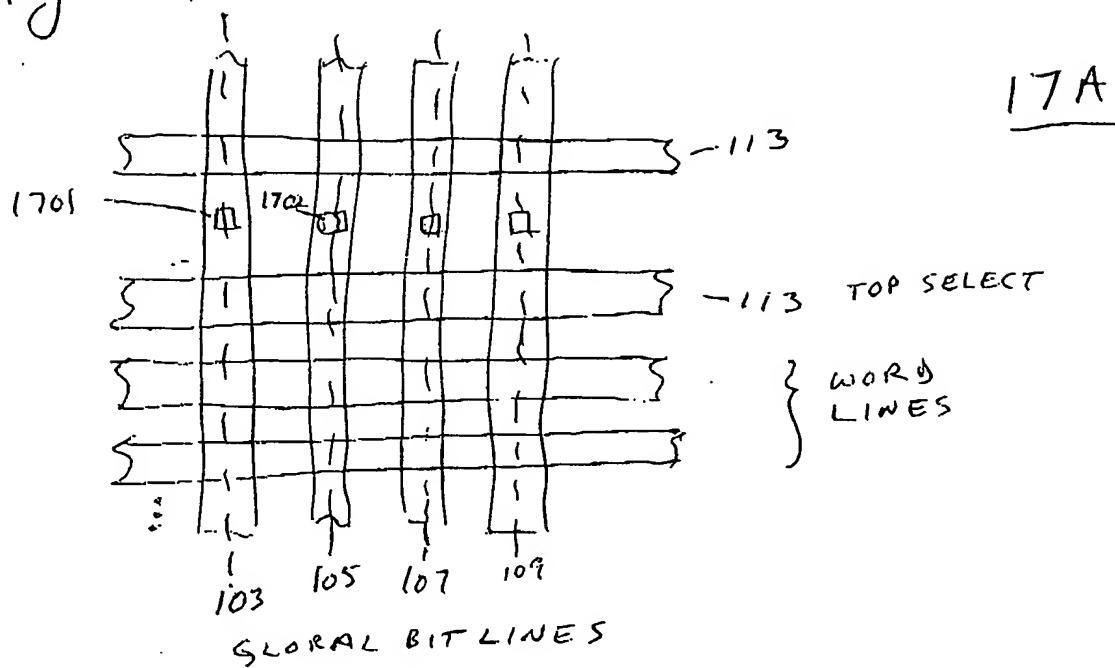


FIG. 16

Fig 17



GLOBAL BITLINES 103, 107 ON ONE LAYER
 GLOBAL BIT LINES 105, 109 ON 2ND LAYER

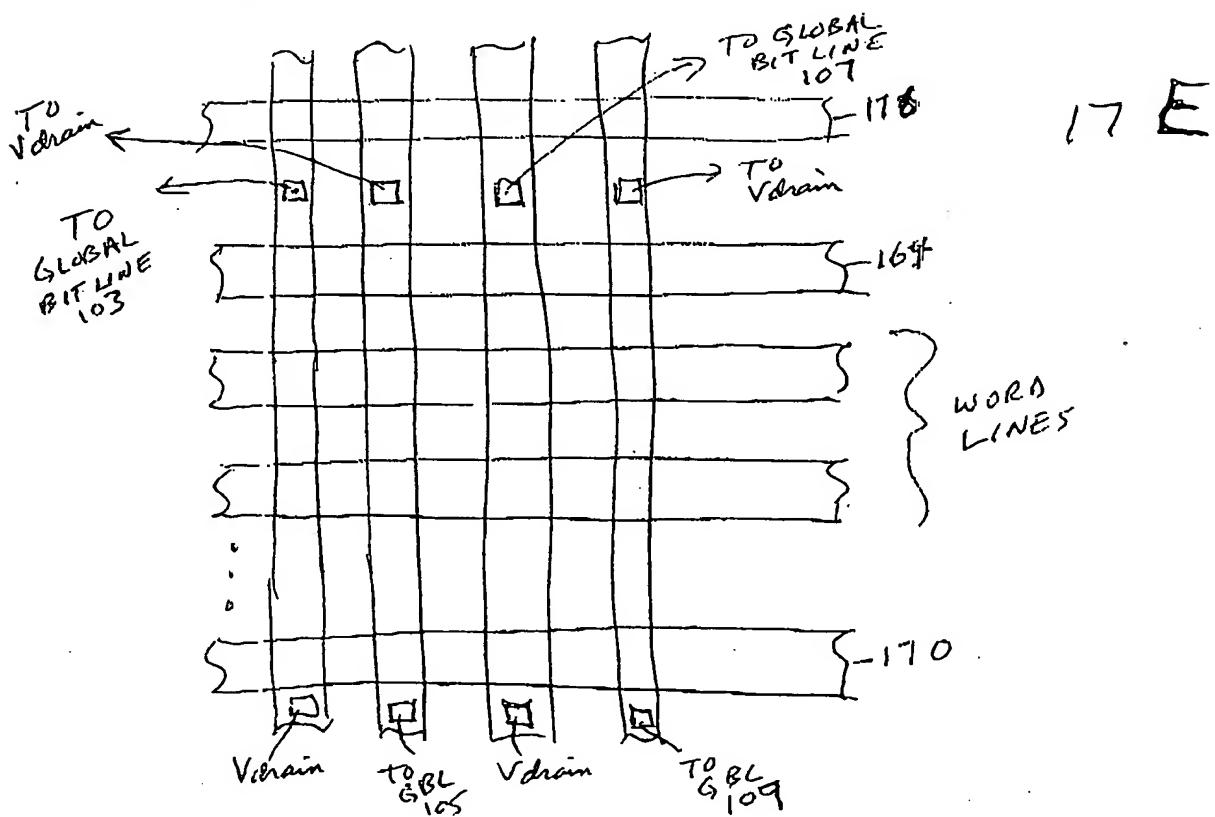
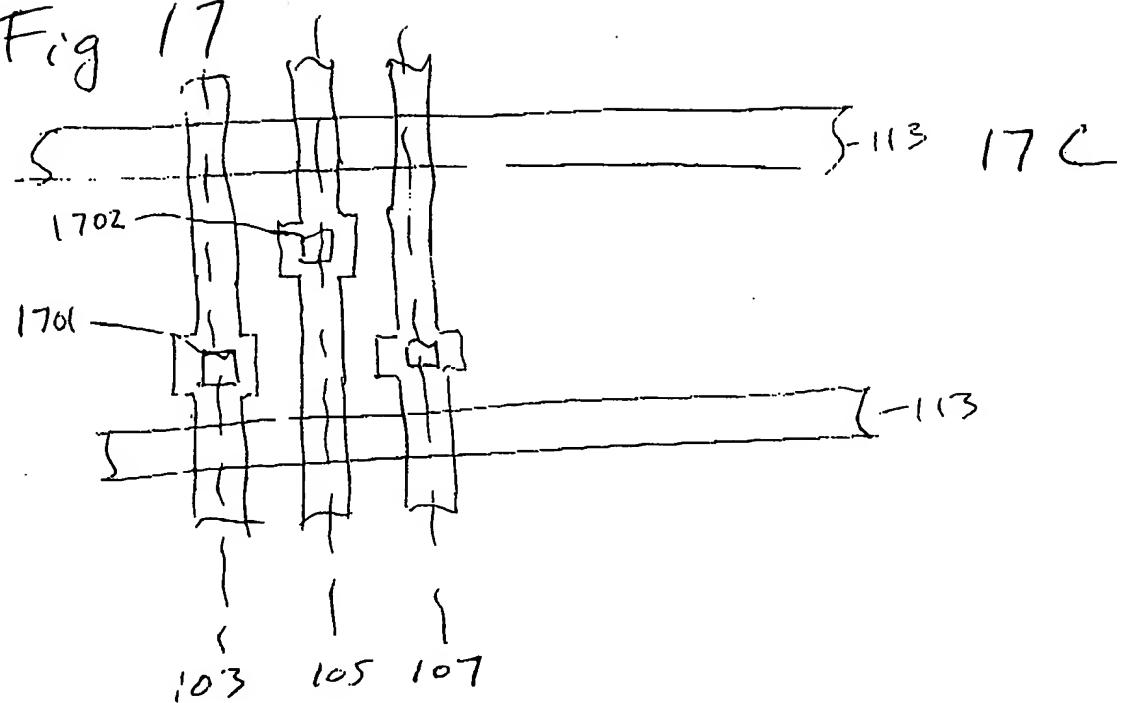


Fig 17



17 D

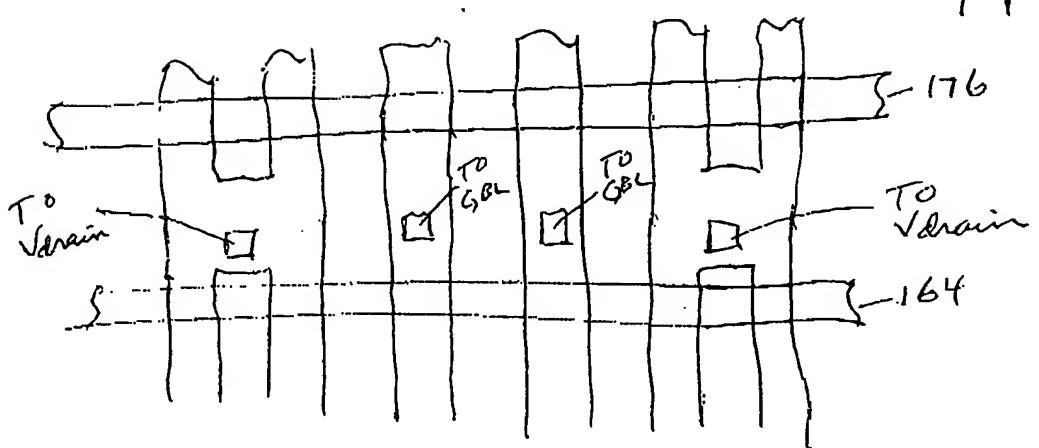


Fig. 18

